

Converting Colors

$Y_{xy}(44.7739, 0.3225, 0.3478)$

Have a look what the booklet for
Yxy(44.7739, 0.3225, 0.3478)
contains.

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Color

Yxy(44.8607, 0.3223, 0.3478)

Conversions

Conversions Part 1

Format	Color
Hex	B2B4A6
RGB	178, 180, 166
RGB Percent	70%, 71%, 65%
CMY	0.3018, 0.2941, 0.3490
CMYK	0.01, 0.00, 0.08, 0.29
HSL	68°, 9%, 68%
HSV	68°, 8%, 71%
XYZ	41.5716, 44.8607, 42.5519
YIQ	177.8060, 3.3020, -4.7780

Conversions

Conversions Part 2

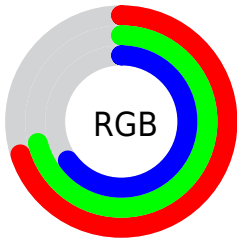
Format	Color
RYB	166, 180, 168
Decimal	11711654
CIELab	72.80, -3.22, 6.88
CIELCh	73, 7.597, 115.081
Yxy	44.8607, 0.3223, 0.3478
Android (android.graphics.Color)	4289901734 (0xFFB2B4A6)
YUV	177.8060, -5.8204, 0.1701
Hunter-Lab	66.9781, -6.4214, 9.2172

Details

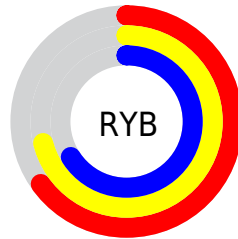
The Yxy color $44.8607, 0.3223, 0.3478$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $38.8955, 0.3027, 0.3097$, and the grayscale version is $44.4470, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.7038, 0.3207, 0.3446$, and $20.7536, 0.3248, 0.3532$ is the 20% darker color. If you saturate the color by 10%, you get $43.9522, 0.3349, 0.3730$, and if you desaturate by 10%, it is $45.8710, 0.3100, 0.3237$.

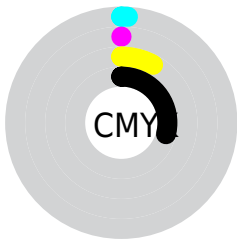
Distribution



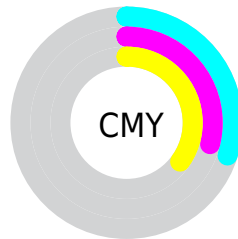
- Red (70%)
- Green (71%)
- Blue (65%)



- Red (65%)
- Yellow (71%)
- Blue (66%)



- Cyan (1%)
- Magenta (0%)
- Yellow (8%)
- Black (29%)



- Cyan (30%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.8607, 0.3223, 0.3478 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 44.8607, 0.3223, 0.3478 by changing the saturation by 10% instead.

■ 44.8607, 0.3223,
0.3478

■ 44.8607, 0.3223,
0.3478

366.2091, 0.3175,
0.3383

■ 31.3477, 0.3235,
0.3502

■ 82.5113, 0.3206,
0.3443

■ 20.8638, 0.3250,
0.3534

■ 107.4178, 0.3199,
0.3430

■ 13.0245, 0.3271,
0.3576

136.8908, 0.3194,
0.3419

■ 7.4454, 0.3299,
0.3636

171.3149, 0.3189,
0.3410

■ 3.7422, 0.3342,
0.3727

211.0744, 0.3185,
0.3402

■ 1.5304, 0.3412,
0.3884

256.5536, 0.3181,

■ 0.3100, 0.4107,

0.3395

0.5893

308.1371, 0.3178,
0.3388

0.0000, 0.0000,
0.0000

44.8607, 0.3223,
0.3478

44.8607, 0.3223,
0.3478

43.9522, 0.3349,
0.3730

45.8710, 0.3100,
0.3237

43.1359, 0.3474,
0.3987

46.9809, 0.2982,
0.3011

42.4096, 0.3594,
0.4242

48.1958, 0.2871,
0.2802

41.7687, 0.3704,
0.4487

49.5189, 0.2768,
0.2610

41.2086, 0.3799,
0.4710

50.8879, 0.2679,
0.2445

■ 40.7239, 0.3873,
0.4902

■ 51.2165, 0.2697,
0.2449

■ 40.3084, 0.3923,
0.5056

■ 51.5507, 0.2715,
0.2453

■ 39.9553, 0.3948,
0.5165

■ 51.8905, 0.2733,
0.2457

■ 39.6535, 0.3950,
0.5233

■ 52.2360, 0.2751,
0.2461

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



44.8607, 0.3305, 0.3460



44.8607, 0.3223, 0.3478



44.8607, 0.3116, 0.3444

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.8607, 0.3223, 0.3478



44.8607, 0.2920, 0.3179



44.8607, 0.3240, 0.3215

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



44.8607, 0.3223, 0.3478



38.8955, 0.3027, 0.3097

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



44.8607, 0.3135, 0.3143



44.8607, 0.3223, 0.3478



44.8607, 0.2951, 0.3121

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



44.8607, 0.3223, 0.3478



44.8607, 0.2942, 0.3269



44.8607, 0.3030, 0.3109



44.8607, 0.3315, 0.3307

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.8607, 0.3223, 0.3478



44.8607, 0.3046, 0.3396



44.8607, 0.3030, 0.3109



44.8607, 0.3207, 0.3187

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



44.8626, 0.3223, 0.3478



82.3787, 0.3152, 0.3339



40.4174, 0.3256, 0.3316



17.8093, 0.3151, 0.3336



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.8626, 0.3223, 0.3478



81.1132, 0.3240, 0.3512



44.0671, 0.3162, 0.3481



9.8452, 0.3242, 0.3516



27.6551, 0.3952, 0.5244



0.8866, 0.4024, 0.5187

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



38.8955, 0.3027, 0.3097



68.4745, 0.3008, 0.3060



39.6724, 0.3089, 0.3101



8.2853, 0.3006, 0.3056



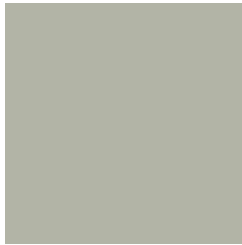
2.4638, 0.1563, 0.0635



0.0954, 0.1768, 0.0748

Previews

White Background



This preview shows how the Yxy color 44.8607, 0.3223, 0.3478 looks on a white background.

Color Contrast Check

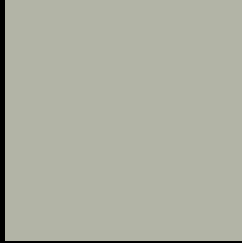
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 44.8607, 0.3223, 0.3478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

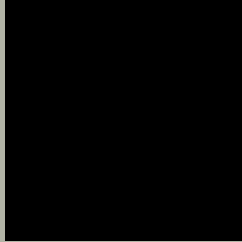
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

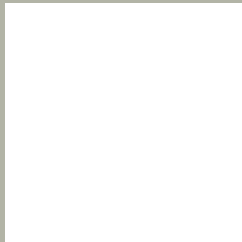
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.8607, 0.3223, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 44.8607, 0.3223, 0.3478.



This preview shows how white text looks on a background with the Yxy color 44.8607, 0.3223, 0.3478.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

44.8607, 0.3223, 0.3478

Protanopia

44.8717, 0.3296, 0.3462

Deuteranopia

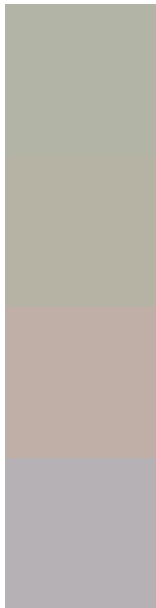
44.6116, 0.3419, 0.3342



Tritanopia

44.7135, 0.3067, 0.3108

Trichromacy



Original Color

44.8607, 0.3223, 0.3478

Protanomaly

44.9019, 0.3268, 0.3477

Deuteranomaly

44.6564, 0.3348, 0.3394

Tritanomaly

44.6042, 0.3130, 0.3237

Monochromacy



Original Color

44.8607, 0.3223, 0.3478

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.7612, 0.3159, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8607, 0.3223, 0.3478 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(178, 180, 166)` looks like.

```
.text, #text, p{  
    color:rgb(178, 180, 166)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(178, 180, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 180, 166) }
```

Border

The CSS property to change the border of an element to Yxy 44.8607, 0.3223, 0.3478 is called "border". The border property can be set on classes, ids or directly on the HTML element.

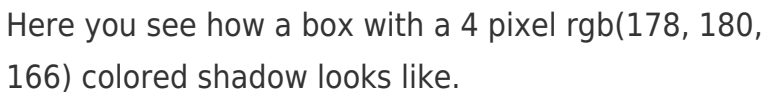
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 180, 166) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(178, 180, 166) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(178, 180, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 180, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 180, 166); box-shadow:4px 4px 4px 4px rgb(178, 180, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8607, 0.3223, 0.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 180, 166) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(178,  
180, 166) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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